

=> s poloxamer 188/cn
L15 1 POLOXAMER 188/CN

=> d l15

L15 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 106392-12-5 REGISTRY
CN Oxirane, methyl-, polymer with oxirane, block (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Adeka 25R1
CN Adeka 25R2
CN Adeka L 61
CN Adeka Pluronic F 108
CN Antarox 17R2
CN Antarox 17R4
CN Antarox 25R2
CN Antarox B 25
CN Antarox F 108
CN Antarox F 68
CN Antarox F 88
CN Antarox F 88FL
CN Antarox L 61
CN Antarox L 64
CN Antarox L 72
CN Antarox P 104
CN Antarox P 84
CN Antarox SC 138
CN Arco Polyol R 2633
CN Arcol E 351
CN B 053
CN BASF-L 101
CN Block polyethylene-polypropylene glycol
CN Block polyoxyethylene-polyoxypropylene
CN Breox BL 19-10
CN Cirrasol ALN-WS
CN Conion AEP 1220
CN Crisvon Assistor SD 14
CN CRL 1005
CN CRL 1029
CN CRL 1190
CN CRL 1605
CN CRL 8131
CN CRL 8142
CN D 500
CN D 500 (polyglycol)
CN Daltocel F 460
CN DC 100
CN Dehypon KE 3557
CN Detalan
CN DO 97
CN Dowfax 30C05
CN ED 56
CN Empilan P 7068
CN Emulgen PP 230
CN EP 3028
CN Epan 450
CN Epan 485
CN Epan 680
CN Epan 710
CN **Poloxamer 188**

L16 1 METHYLCELLULOSE/CN

=> d l16

L16 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 9004-67-5 REGISTRY

CN Cellulose, methyl ether (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN Adulsin

CN Avicel SG

CN Bagolax

CN Benecel M 0

CN Benecel M 02

CN Benecel M 043

CN Benecel MC 4000PS

CN Benecel MO 42

CN Bufapto Methalose

CN Bulkaloid

CN Celacol M

CN Celacol M 20

CN Celacol M 20P

CN Celacol M 2500

CN Celacol M 450

CN Celacol MM

CN Celacol MM 10P

CN Celacol MMPR

CN Celacol WA

CN Cellapret

CN Cellogran

CN Cellothyl

CN Cellulose methyrate

CN Cellumeth

CN Cesca C 8556

CN Cesca MC 25S

CN Cesca MC 400

CN Cethylose

CN Cethytin

CN Citrucel

CN Culminal K 42

CN Culminal MC

CN Culminal MC 2000

CN Culminal MC 25S

CN Culminal MC 3000P

CN Culminal MC 3000PR

CN Culminal MC 40

CN Culminal MC 60S

CN Daicel 170

CN Edisol M

CN EMP-H

CN Hi-SM 4000

CN Hydrolose

CN M 043

CN M 100

CN M 100 (cellulose derivative)

CN M 15

CN M 15 (cellulose derivative)

CN Marpolose 60SH50

CN Marpolose 90MP10000

CN **Methylcellulose**

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

DR 53568-34-6, 71812-19-6, 88402-84-0, 39384-65-1, 99638-59-2

MF C H4 O . x Unspecified

> s carboxymethyl cellulose/cn
L17 2 CARBOXYMETHYL CELLULOSE/CN

=> d l17 1-2

L17 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN
RN 9004-32-4 REGISTRY
CN Cellulose, carboxymethyl ether, sodium salt (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN 12M31XP
CN 1400LC
CN 2000MH
CN 7H3SF
CN 7H3SX
CN 7H4XF
CN 7L2C
CN 9H4XF
CN A 0111
CN A 01H
CN A 01L
CN A 01M
CN A 02SH
CN A 10M
CN A 50M
CN Ac-Of-Sol
CN Admiral 3541
CN AG
CN AG Gum
CN AG Gum HG
CN AG Gum LV 1
CN AG Gum LV 2
CN AKU-W 515
CN Akucell 07071
CN Akucell AF 0305
CN Akucell AF 2205
CN Akucell AF 2805
CN Akucell AF 2881
CN Ambergum 1221
CN Ambergum 1521
CN Ambergum 1570
CN Ambergum 3021
CN Ambergum 99-3021
CN AOIH
CN Aquacel
CN Aquacel Hydrofiber
CN Aquacide I
CN Aquacide II
CN Aqualon 12M31
CN Aqualon 7H
CN Aqualon 7HF
CN Aqualon 7LF-PH
CN Aqualon 7M2
CN Aqualon 7MF
CN Aqualon CMC 12M8
CN Aqualon CMC 7H
CN Aqualon CMC 7H4F
CN Aqualon CMC 7H4XF
CN Aqualon CMC 7HCF
CN Aqualon CMC 7HX
CN **Carboxymethyl cellulose**

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

DR 654655-39-7, 12624-09-8, 9045-95-8, 9085-26-1, 54018-17-6, 55607-96-0,
64103-90-8, 50642-44-9, 37231-14-4, 37231-15-5, 73699-63-5, 80296-93-1,

82197-79-3, 81209-86-1, 117385-93-0, 198084-97-8, 247080-55-3
MF C2 H4 O3 . x Na . x Unspecified
CI COM
PCT Manual registration, Polyester, Polyester formed
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOBUSINESS, BIOSIS,
BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
CHEMLIST, CIN, CSCHEM, CSNB, DETHERM*, DIOGENES, EMBASE, IFICDB, IFIPAT,
IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA, PROMT,
RTECS*, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

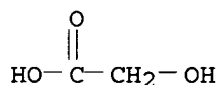
CM 1

CRN 9004-34-6
CMF Unspecified
CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 79-14-1
CMF C2 H4 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

20928 REFERENCES IN FILE CA (1907 TO DATE)
689 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
20944 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L17 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN
RN 9000-11-7 REGISTRY
CN Cellulose, carboxymethyl ether (8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN 7H
CN 7H (carbohydrate)
CN Acetic acid, hydroxy-, cellulose ether
CN Almelose
CN Apergel
CN Apeyel
CN Carbose
CN Carboxymethyl cellulose
CN **Carboxymethyl cellulose**
CN Carboxymethyl cellulose ether
CN Carboxymethylated cellulose pulp
CN Carmellose
CN Cellogen BSH 10
CN Cellulose carboxymethylate
CN Cellulose Gum 7H
CN Cellulose, (carboxymethyl)-
CN Cellulose, ether with glycolic acid
CN Celluloseglycolic acid
CN CM-Cellulose
CN CMC
CN CMC 4LF

CN Colloresine
 CN Duodcel
 CN Glycocel TA
 CN Glycolic acid cellulose ether
 CN KMTs
 CN Thylose
 DR 177317-30-5, 191616-54-3, 196886-89-2, 204336-41-4
 MF C2 H4 O3 . x Unspecified
 CI COM
 PCT Manual registration, Polyother, Polyother only
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO,
 CA, CABA, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM,
 DDFU, DETHERM*, DIOGENES, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2,
 ENCOMPPAT, ENCOMPPAT2, IFICDB, IFIPAT, IFIUDB, IPA, MSDS-OHS, NIOSHTIC,
 PDLCOM*, PIRA, PROMT, RTECS*, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL,
 VTB
 (*File contains numerically searchable property data)
 Other Sources: DSL**, TSCA**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)

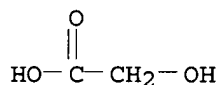
 CM 1

 CRN 9004-34-6
 CMF Unspecified
 CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

 CRN 79-14-1
 CMF C2 H4 O3



2471 REFERENCES IN FILE CA (1907 TO DATE)
 243 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2477 REFERENCES IN FILE CA

L18 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 9003-97-8 REGISTRY
CN Polycarbophil (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Carbofil
CN Carbopol 976
CN Carbopol EX 55
CN Mitrolan
CN Noveon AA 1
CN Noveon CA 2
CN Polycarbophil 976
CN WL 140
DR 146239-85-2

=> s bisacodyl/cn
L19 1 BISACODYL/CN

=> d 119

L19 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 603-50-9 REGISTRY
CN Phenol, 4,4'-(2-pyridinylmethylene)bis-, diacetate (ester) (9CI) (CA
INDEX NAME)
OTHER CA INDEX NAMES:
CN Phenol, 4,4'-(2-pyridylmethylene)di-, diacetate (6CI, 7CI)
CN Phenol, 4,4'-(2-pyridylmethylene)di-, diacetate (ester) (8CI)
OTHER NAMES:
CN 4,4'-(2-Pyridylmethylene)diphenol diacetate
CN Bicol
CN Bis(p-acetoxyphenyl)-2-pyridylmethane
CN **Bisacodyl**
CN Brocalax
CN Broxalax
CN Contralax
CN Correctol Caplets
CN Correctol Tablets
CN DAMP
CN Dulcolan
CN Dulcolax
CN Durolax
CN Endokolat
CN Eulaxan
CN Feen-a-Mint Tablets
CN Fenilaxan
CN Godalax
CN Hillcolax
CN Iivilax
CN LA96a
CN Laco
CN Laxadin
CN Laxanin N
CN Laxans
CN Laxine
CN Laxorex
CN Neolax
CN Nigalax
CN NSC 614826
CN Perilax
CN Ppyrilax
CN Sanvacual
CN SK-Bisacodyl
CN Stadalax
CN Telemin
CN Theralax
CN Ulcol
CN Videx
CN Zetrax
MF C22 H19 N O4

=> s castor oil/cn
L20 1 CASTOR OIL/CN

=> d l20

L20 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 8001-79-4 REGISTRY *

* Use of this CAS Registry Number alone as a search term in other STN files may result in incomplete search results. For additional information, enter HELP

RN* at an online arrow prompt (=>).

CN **Castor oil** (CA INDEX NAME)

OTHER NAMES:

CN 3 Castor Oil
CN Aromatic castor oil
CN Castor oil 3
CN Crystal O
CN DB Oil
CN ELA-DR
CN Fats and Glyceridic oils, castor
CN Fats and Glyceridic oils, ricin
CN LAVCO
CN Neoloid
CN No. 3 Castor oil
CN Oil of Palma Christi
CN Oils, glyceridic, ricin
CN Phorbyol
CN Ricinol
CN Ricinus communis oil
CN Tangantangan oil
CN Viscotrol C

=> s magnesium citrate/cn

L21 3 MAGNESIUM CITRATE/CN

=> d l21 1-3

L21 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2004 ACS on STN

RN 7779-25-1 REGISTRY

CN 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, magnesium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Citric acid, magnesium salt (8CI)

OTHER NAMES:

CN **Magnesium citrate**

MF C6 H8 O7 . x Mg

CI COM

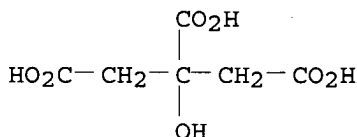
LC STN Files: ADISNEWS, AGRICOLA, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHM, DIOGENES, EMBASE, GMELIN*, IFICDB, IFIPAT, IFIUDB, PDLCOM*, PIRA, PROMT, TOXCENTER, USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: EINECS**, NDSL**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

CRN (77-92-9)



●x Mg

393 REFERENCES IN FILE CA (1907 TO DATE)

5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

394 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L21 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2004 ACS on STN

RN 3344-18-1 REGISTRY

CN 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, magnesium salt (2:3) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Citric acid, magnesium salt (2:3) (8CI)

CN Hexaaquomagnesium bis[(citrate)aquomagnesate] (7CI)

CN **Magnesium citrate (6CI)**

OTHER NAMES:

CN Citramag

CN Trimagnesium dicitrate

DR 12405-09-3

MF C6 H8 O7 . 3/2 Mg

CI COM

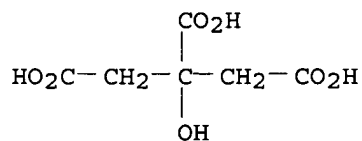
LC STN Files: ADISNEWS, AGRICOLA, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHM, DDFU, DIOGENES, DRUGU, EMBASE, GMELIN*, IFICDB, IFIUDB, IPA, MRCK*, PDLCOM*, PIRA, PROMT, RTECS*, TOXCENTER, USAN, USPATFULL, VETU

(*File contains numerically searchable property data)

Other Sources: EINECS**

(**Enter CHEMLIST File for up-to-date regulatory information)

CRN (77-92-9)



● 3/2 Mg

61 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 61 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L21 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2004 ACS on STN

RN 144-23-0 REGISTRY

CN 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, magnesium salt (1:1) (9CI)
 (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Citric acid, magnesium salt (1:1) (8CI)

CN **Magnesium citrate** (7CI)

OTHER NAMES:

CN Acid magnesium citrate

CN Citresia

CN Citronema

CN Magnesium citrate soluble

CN Magnesium citrate, dibasic

CN Magnesium hydrogen citrate

MF C6 H8 O7 . Mg

=> s magnesium hydroxide/cn
L22 1 MAGNESIUM HYDROXIDE/CN

=> d 122

L22 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 1309-42-8 REGISTRY
CN Magnesium hydroxide (Mg(OH)₂) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN **Magnesium hydroxide (8CI)**

OTHER NAMES:

CN 10A
CN 10A (hydroxide)
CN 200-06H
CN Alcanex NHC 25
CN Apymag AOH 820
CN Asahi Glass 200-06
CN Burusaito
CN Combustrol 500
CN Daimushew 6000
CN DP 393
CN DSB 100
CN Duhor
CN Duhor N
CN Ebson RF
CN Echomag ZL
CN Finemag MO-T
CN Finemag SN-L
CN FloMag H
CN FloMag HUS
CN FR 20
CN FR 20-310
CN Hydrofy G 1.5
CN Hydrofy G 2.5
CN Hydrofy N
CN Ki 22-5B
CN Kisma KX 4SU
CN Kisuma
CN Kisuma 120
CN Kisuma 2
CN Kisuma 3A
CN Kisuma 4AF
CN Kisuma 5
CN Kisuma 54A
CN Kisuma 5A
CN Kisuma 5A-N
CN Kisuma 5AU
CN Kisuma 5B
CN Kisuma 5B-N
CN Kisuma 5BG
CN Kisuma 5E
CN Kisuma 5EU
CN Kisuma 5J
CN Kisuma 5L
CN Kisuma 5P
CN Kisuma 6E
CN Kisuma 7B
CN Kisuma 8N
CN Kisuma KX 4SU
CN Kisuma S 4
CN KX 4S

=> s magnesium sulfate/cn
L23 1 MAGNESIUM SULFATE/CN

=> d 123

L23 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 7487-88-9 REGISTRY
CN Sulfuric acid magnesium salt (1:1) (8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN Epsom salt
CN Epsom salts
CN **Magnesium sulfate**
CN Magnesium sulfate (1:1)
CN Magnesium sulphate
CN OT-S
CN OT-S (drying agent)
CN Sulfuric acid magnesium salt
CN Sulfuric acid, magnesium salt (1:1)
CN Tomix OT
AR 18939-43-0
DR 139939-75-6
MF H2 O4 S . Mg

s dibasic sodium phosphate/cn
L24 1 DIBASIC SODIUM PHOSPHATE/CN

=> d 124

L24 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 7558-79-4 REGISTRY
CN Phosphoric acid, disodium salt (8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN Acetest
CN Anhydrous sodium acid phosphate
CN **Dibasic sodium phosphate**
CN Disodium acid orthophosphate
CN Disodium acid phosphate
CN Disodium hydrogen orthophosphate (Na₂HPO₄)
CN Disodium hydrogen phosphate
CN Disodium hydrophosphate
CN Disodium monohydrogen phosphate
CN Disodium orthophosphate
CN Disodium phosphate
CN Disodium phosphate (Na₂HPO₄)
CN DSP
CN Exsiccated sodium phosphate
CN Hydrogen disodium phosphate
CN Hydrogen sodium phosphate (HNa₂PO₄)
CN Monohydrogen disodium phosphate
CN Soda Phosphate
CN Sodium monohydrogen phosphate
CN Sodium orthophosphate dibasic
CN Sodium phosphate (Na₂HPO₄)
CN Sodium phosphate, dibasic
DR 148560-76-3
MF H3 O4 P . 2 Na

=> s monobasic sodium phosphate/cn
L26 1 MONOBASIC SODIUM PHOSPHATE/CN

=> d 126

L26 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 7558-80-7 REGISTRY
CN Phosphoric acid, monosodium salt (8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN Dihydrogen monosodium phosphate
CN Dihydrogen sodium phosphate
CN **Monobasic sodium phosphate**
CN Monobasic sodium phosphate (NaH₂PO₄)
CN Monosodium dihydrogen orthophosphate
CN Monosodium hydrogen phosphate
CN Monosodium phosphate
CN Sodium dihydrogen monophosphate
CN Sodium dihydrogen orthophosphate
CN Sodium dihydrogen phosphate
CN Sodium dihydrogen phosphate (NaH₂PO₄)
CN Sodium hydrogen phosphate (NaH₂PO₄)
CN Sodium monobasic phosphate (NaH₂PO₄)
CN Sodium orthophosphate monobasic
CN Sodium phosphate (Na(H₂PO₄))
CN Sodium phosphate, monobasic
CN Sodium primary phosphate
DR 1333-80-8, 89140-32-9
MF H3 O4 P . Na

L28 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 7722-88-5 REGISTRY
CN Diphosphoric acid, tetrasodium salt (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Pyrophosphoric acid, tetrasodium salt (8CI)
OTHER NAMES:
CN Accoline 126
CN Anhydrous tetrasodium pyrophosphate
CN E 450
CN Phosphotex
CN **Sodium diphosphate**
CN Sodium diphosphate (Na₄P₂O₇)
CN Sodium phosphate (Na₄P₂O₇)
CN Sodium pyrophosphate
CN Sodium pyrophosphate (Na₄P₂O₇)
CN Tetrasodium diphosphate
CN Tetrasodium diphosphate (Na₄P₂O₇)
CN Tetrasodium pyrophosphate
CN Tetrasodium pyrophosphate (Na₄P₂O₇)
CN Tetron
CN Tetron (dispersant)
CN TSPP
CN Victor TSPP
DR 156460-73-0, 93269-17-1
MF H4 O7 P2 . 4 Na

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 57-27-2 REGISTRY
CN Morphinan-3,6-diol, 7,8-didehydro-4,5-epoxy-17-methyl-
(5 α ,6 α)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Morphinan-3,6 α -diol, 7,8-didehydro-4,5 α -epoxy-17-methyl- (8CI)
OTHER NAMES:
CN (-)-Morphine
CN Dulcontin
CN Duromorph
CN 1-Morphine
CN Meconium
CN Morphia
CN Morphin
CN Morphina
CN **Morphine**
CN Morphinism
CN Morphinum
CN Morhium
CN MS Contin
CN Nepenthe
CN Ospalivina
FS STEREOSEARCH
DR 8053-16-5, 85201-37-2, 47106-99-0
MF C17 H19 N O3

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 57-42-1 REGISTRY
CN 4-Piperidinecarboxylic acid, 1-methyl-4-phenyl-, ethyl ester (9CI) (CA
INDEX NAME)
OTHER CA INDEX NAMES:
CN Isonipecotic acid, 1-methyl-4-phenyl-, ethyl ester (8CI)
OTHER NAMES:
CN 1-Methyl-4-phenyl-4-piperidinecarboxylic acid ethyl ester
CN 4-Carbethoxy-1-methyl-4-phenylpiperidine
CN Demerol
CN Ethyl 1-methyl-4-phenylisonipecotate
CN Ethyl 1-methyl-4-phenylpiperidine-4-carboxylate
CN Isonipecaine
CN **Meperidine**
CN Meperidol
CN Pethanol
CN Pethidin
CN Pethidine
CN Pethidimeter
FS 3D CONCORD
MF C15 H21 N O2

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 437-38-7 REGISTRY

CN Propanamide, N-phenyl-N-[1-(2-phenylethyl)-4-piperidinyl]- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Propionanilide, N-(1-phenethyl-4-piperidyl)- (7CI, 8CI)

OTHER NAMES:

CN 1-Phenethyl-4-(N-phenylpropionamido)piperidine

CN 1-Phenethyl-4-N-propionylanilinopiperidine

CN Durogesic

CN Fentanest

CN Fentanil

CN **Fentanyl**

CN N-[1-(2-Phenylethyl)-4-piperidinyl]propionanilide

CN Phentanyl

CN R 4263

FS 3D CONCORD

DR 80832-90-2

MF C22 H28 N2 O

CI COM

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 76-41-5 REGISTRY
CN Morphinan-6-one, 4,5-epoxy-3,14-dihydroxy-17-methyl-, (5 α)- (9CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Morphinan-6-one, 4,5 α -epoxy-3,14-dihydroxy-17-methyl- (8CI)
CN Morphinone, 7,8-dihydro-14-hydroxy- (6CI, 7CI)
OTHER NAMES:
CN (-)-Oxymorphone
CN 14-Hydroxydihydromorphinone
CN 30: PN: WO03037310 FIGURE: 4 claimed sequence
CN 4,5-Epoxy-3,14-dihydroxy-N-methyl-6-oxomorphinan
CN 7,8-Dihydro-14-hydroxymorphinone
CN Dihydro-14-hydroxymorphinone
CN Dihydroxymorphinone
CN NIH 10323
CN NSC 19045
CN **Oxymorphone**
FS STEREOSEARCH
MF C17 H19 N O4

=> s oxycodone/cn
L6 1 OXYCODONE/CN

=> d 16

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 76-42-6 REGISTRY
CN Morphinan-6-one, 4,5-epoxy-14-hydroxy-3-methoxy-17-methyl-, (5 α)-
(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Codeinone, 7,8-dihydro-14-hydroxy- (6CI, 7CI)
CN Morphinan-6-one, 4,5 α -epoxy-14-hydroxy-3-methoxy-17-methyl- (8CI)
OTHER NAMES:
CN (-)-Oxycodone
CN 14-Hydroxydihydrocodeinone
CN 3-O-(Methyl)oxymorphone
CN 6-Oxo-14-hydroxy-7,8-dihydrocodeine
CN 7,8-Dihydro-14-hydroxycodeinone
CN Dihydro-14-hydroxycodeinone
CN Dihydrohydroxycodeinone
CN Dihydrone
CN NSC 19043
CN Oxanest
CN Oxicon
CN Oxycodeinone
CN **Oxycodone**
CN Oxymorphone 3-methyl ether
FS STEREOSEARCH
MF C18 H21 N O4

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 125-29-1 REGISTRY
CN Morphinan-6-one, 4,5-epoxy-3-methoxy-17-methyl-, (5 α)- (9CI) (CA
INDEX NAME)
OTHER CA INDEX NAMES:
CN Codeinone, dihydro- (6CI)
CN Dicodid (7CI)
CN Morphinan-6-one, 4,5 α -epoxy-3-methoxy-17-methyl- (8CI)
OTHER NAMES:
CN (-)-Dihydrocodeinone
CN 6-Oxo-7,8-dihydrocodeine
CN Bekadid
CN Dihydrocodeinone
CN Hydrocodon
CN **Hydrocodone**
CN Multacodin
CN NSC 19044
FS STEREOSEARCH
DR 9007-52-7, 1037-91-8, 50678-79-0
MF C18 H21 N O3

L4 ANSWER 1 OF 49 REGISTRY COPYRIGHT 2004 ACS on STN
RN 491847-32-6 REGISTRY
CN β -D-Glucopyranosiduronic acid, (5 α)-4,5-epoxy-6-oxomorphinan-3-yl (9CI) (CA INDEX NAME)
OTHER NAMES:
CN **Norhydromorphone β -D-glucuronide**
FS STEREOSEARCH
MF C22 H25 N O9

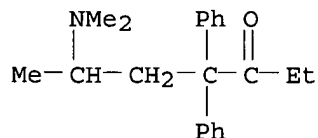
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=> s methadone/cn
L9      1 METHADONE/CN

=> d 19
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```
L9  ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2004 ACS on STN
RN  76-99-3  REGISTRY
CN  3-Heptanone, 6-(dimethylamino)-4,4-diphenyl- (7CI, 8CI, 9CI)  (CA INDEX
NAME)
```

OTHER NAMES:

```
CN  (±)-Methadone
CN  6-Dimethylamino-4,4-diphenyl-3-heptanone
CN  Algovetin
CN  Amidone
CN  Diaminon
CN  dl-Methadone
CN  Dolophin
CN  Eptadone
CN  Heptadone
CN  Heptanon
CN  Heptanon (pharmaceutical)
CN  Metasedin
CN  Methadone
CN  Phenadone
CN  Physeptone
CN  Racemic methadone
CN  Sedo-Rapide
FS  3D CONCORD
DR  297-88-1
MF  C21 H27 N O
CI  COM
LC  STN Files:  ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
      BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS,
      CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHM, DDFU, DIOGENES,
      DRUGU, EMBASE, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IMSCOSEARCH, IPA,
      MEDLINE, MRCK*, NIOSHTIC, PROMT, RTECS*, SPECINFO, TOXCENTER, USAN,
      USPAT2, USPATFULL, VETU
      (*File contains numerically searchable property data)
Other Sources:  EINECS**, WHO
      (**Enter CHEMLIST File for up-to-date regulatory information)
```



=> s propoxyphene/cn

L10 1 PROPOXYPHENE/CN

=> d l10

L10 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 469-62-5 REGISTRY

CN Benzeneethanol, α -[(1R)-2-(dimethylamino)-1-methylethyl]- α -phenyl-, propanoate (ester), (α S)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Butanol, 4-(dimethylamino)-3-methyl-1,2-diphenyl-, propionate (ester), (2S,3R)- (8CI)

CN Benzeneethanol, α -[2-(dimethylamino)-1-methylethyl]- α -phenyl-, propanoate (ester), [S-(R*,S*)]-

OTHER NAMES:

CN (+)-4-(Dimethylamino)-3-methyl-1,2-diphenyl-2-butanol propionate

CN (+)-Propoxyphene

CN α -(+)-4-(Dimethylamino)-1,2-diphenyl-3-methyl-2-butanol propionate

CN α -d-4-(Dimethylamino)-3-methyl-1,2-diphenyl-2-(propionyloxy)butane

CN Algafan

CN d-Propoxyphene

CN Depromic

CN Dextropropoxyphene

CN **Propoxyphene**

FS STEREOSEARCH

DR 21086-94-2, 3818-94-8

MF C22 H29 N O2

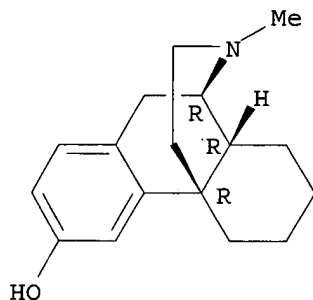
=> s pentazocine/cn
L11 1 PENTAZOCINE/CN

=> d l11

L11 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 359-83-1 REGISTRY
CN 2,6-Methano-3-benzazocin-8-ol, 1,2,3,4,5,6-hexahydro-6,11-dimethyl-3-(3-methyl-2-butenyl)-, (2R,6R,11R)-rel- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2,6-Methano-3-benzazocin-8-ol, 1,2,3,4,5,6-hexahydro-6,11-dimethyl-3-(3-methyl-2-butenyl)-, (2 α ,6 α ,11R*)- (8CI)
OTHER NAMES:
CN (+)-Pentazocine
CN 1,2,3,4,5,6-Hexahydro-3-(3-methyl-2-butenyl)-6,11-dimethyl-8-hydroxy-2,6-methano-3-benzazocine
CN 1,2,3,4,5,6-Hexahydro-6,11-dimethyl-3-(3-methyl-2-butenyl)-2,6-methano-3-benzazocin-8-ol
CN 2'-Hydroxy-5,9-dimethyl-2-(3,3-dimethylallyl)-6,7-benzomorphan
CN 2-Dimethylallyl-5,9-dimethyl-2'-hydroxybenzomorphan
CN 3-(3-Methyl-2-butenyl)-1,2,3,4,5,6-hexahydro-6,11-dimethyl-2,6-methano-3-benzazocin-8-ol
CN 3-(3-Methyl-2-butenyl)-1,2,3,4,5,6-hexahydro-8-hydroxy-6,11-dimethyl-2,6-methano-3-benzazocine
CN cis-(+)-Pentazocine
CN dl-Pentazocine
CN Fortalgesic
CN Fortalin
CN Fortral
CN II-C 2
CN Lexir
CN NIH 7958
CN NSC 107430
CN Peltazon
CN Pentagin
CN Pentazocin
CN **Pentazocine**
CN Sosegon
CN Soseton
CN Sosigon
CN Talwin
CN Win 20228
FS STEREOSEARCH
DR 6654-32-6, 6654-33-7, 7313-81-7, 10535-38-3, 16760-69-3, 16760-70-6, 21820-34-8, 3411-11-8
MF C19 H27 N O

L12 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 77-07-6 REGISTRY
 CN Morphinan-3-ol, 17-methyl- (8CI, 9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 2H-10,4a-Iminoethanophenanthren-6-ol, 1,3,4,9,10,10a-hexahydro-11-methyl-
 (7CI)
 OTHER NAMES:
 CN (-)-3-Hydroxy-N-methylmorphinan
 CN (-)-N-Methylmorphinan-3-ol
 CN Aromarone
 CN 1-Levorphanol
 CN Levorphan
 CN **Levorphanol**
 CN N-Methyl-3-hydroxymorphinan
 CN Ro 1-5431
 FS STEREOSEARCH
 DR 125-74-6
 MF C17 H23 N O
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CHEMINFORMRX,
 CHEMLIST, CIN, DDFU, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA,
 MEDLINE, MRCK*, PROMT, RTECS*, SPECINFO, TOXCENTER, USAN, USPAT2,
 USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



> s codeine/cn
L13 1 CODEINE/CN

=> d l13

L13 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 76-57-3 REGISTRY
CN Morphinan-6-ol, 7,8-didehydro-4,5-epoxy-3-methoxy-17-methyl-,
(5 α ,6 α)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Morphinan-6 α -ol, 7,8-didehydro-4,5 α -epoxy-3-methoxy-17-methyl-
(8CI)
OTHER NAMES:
CN (-)-Codeine
CN **Codeine**
CN Codicept
CN Coducept
CN l-Codeine
CN Methyilmorphine
CN Morphine 3-methyl ether
CN Morphine monomethyl ether
CN O3-Methyilmorphine
FS STEREOSEARCH
DR 120210-43-7, 79990-78-6
MF C18 H21 N O3

=> s docusate

L14 3 DOCUSATE

=> d l14 1-3

L14 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2004 ACS on STN

RN 7491-09-0 REGISTRY

CN Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester, potassium salt
(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Succinic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester, potassium salt (8CI)

OTHER NAMES:

CN Bis(2-ethylhexyl) potassium sulfosuccinate

CN Bis-2-ethylhexyl-2-sulfobutane-1,4-dioate potassium salt

CN Dioctyl potassium sulfosuccinate

CN **Docusate potassium**

CN Potassium bis(2-ethylhexyl) sulfosuccinate

CN Potassium dioctyl sulfosuccinate

CN Rectalad Enema

DR 170717-32-5

MF C20 H38 O7 S . K

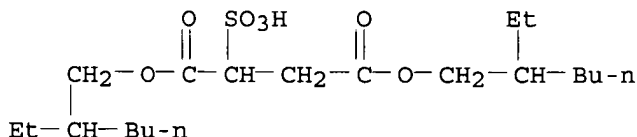
LC STN Files: BEILSTEIN*, BIOTECHNO, CA, CAPLUS, CHEMLIST, CIN, CSCHEM,
DIOGENES, EMBASE, IFICDB, IFIPAT, IFIUDB, MRCK*, TOXCENTER, USAN,
USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: EINECS**

(**Enter CHEMLIST File for up-to-date regulatory information)

CRN (10041-19-7)



● K

48 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

50 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2004 ACS on STN

RN 577-11-7 REGISTRY

CN Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester, sodium salt (9CI)
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Aerosol OT-B (6CI)

OTHER NAMES:

CN 1,4-Bis(2-ethylhexyl) sodium sulfosuccinate

CN Adekacol EC 8600

CN Aerosol A 501

CN Aerosol AOT

CN Aerosol GPG

CN Aerosol OT

CN Aerosol OT 100

CN Aerosol OT 70PG

CN Aerosol OT 75

CN Aerosol OT 75PG

CN Aerosol OT 94
 CN Aerosol OT-A
 CN Aerosol OT-S
 CN Airrol CT 1
 CN Airrol CT 1L
 CN Airrol OP
 CN Alcopol O
 CN Alkasurf SS-O 75
 CN Alphasol OT
 CN AOT
 CN AOT 100
 CN AOT I
 CN Astrowet 608
 CN Astrowet O 70PG
 CN Astrowet O 75
 CN B 80
 CN Berol 478
 CN Bis(2-ethylhexyl) S-sodium sulfosuccinate
 CN Bis(2-ethylhexyl) sodiosulfosuccinate
 CN Bis(2-ethylhexyl) sodium sulfosuccinate
 CN Bis(2-ethylhexyl) sulfosuccinate sodium salt
 CN Carabon DA 72
 CN Celanol DOS 65
 CN Celanol DOS 75
 CN Colace
 CN Comfolax
 CN Complemix
 CN Constionate
 CN Coprol
 CN Coprola
 CN Correctol Stool Softener Laxative
 CN Defilin
 CN DESS
 CN Di(2-ethylhexyl) sulfosuccinate sodium salt
 CN Di-2-ethylhexyl sodium sulfosuccinate
 CN Dialose
 CN Dioctlyn
 CN Dioctyl
 CN Dioctyl sodium sulfosuccinate
 CN **Docusate sodium**
 CN **Sodium docusate**

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
 DISPLAY

DR 59030-04-5, 60202-21-3, 130390-93-1, 66812-62-2, 105956-73-8, 106396-28-5,
 113255-61-1, 51910-13-5, 135843-72-0, 67924-68-9, 138893-51-3, 76689-26-4,
 75418-10-9, 78207-03-1, 52624-44-9, 53023-94-2, 110162-65-7, 201816-76-4,
 202352-75-8, 209453-97-4

MF C20 H38 O7 S . Na

CI COM

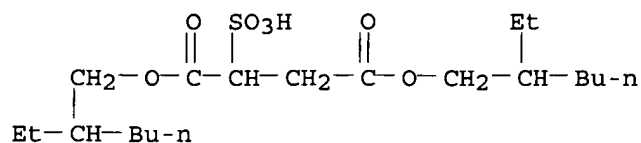
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 BIOSIS, BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES,
 DRUGU, EMBASE, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IMSCOSEARCH, IPA,
 MRCK*, MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS*, TOXCENTER, USAN, USPAT2,
 USPATFULL, VETU

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)

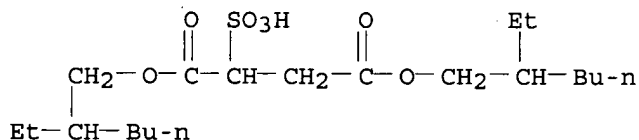
CRN (10041-19-7)



● Na

7154 REFERENCES IN FILE CA (1907 TO DATE)
 38 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 7162 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 16 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L14 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 128-49-4 REGISTRY
 CN Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester, calcium salt (9CI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Succinic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester, calcium salt (8CI)
 OTHER NAMES:
 CN Bis(2-ethylhexyl) calcium sulfosuccinate
 CN Bis(2-ethylhexyl) sulfosuccinic acid calcium salt
 CN Calcium bis(2-ethylhexyl) sulfosuccinate
 CN Calcium di-2-ethylhexyl sulfosuccinate
 CN Calcium dioctyl sulfosuccinate
 CN Dioctyl calcium sulfosuccinate
 CN **Docusate calcium**
 CN Doxical
 CN Sulfosuccinic acid, bis(2-ethylhexyl) ester, calcium salt
 CN Surfak
 MF C20 H38 O7 S . 1/2 Ca
 LC STN Files: ADISNEWS, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAPLUS,
 CHEMLIST, CIN, DDFU, DIOGENES, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB,
 IPA, MRCK*, PROMT, TOXCENTER, USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 CRN (10041-19-7)



● 1/2 Ca

99 REFERENCES IN FILE CA (1907 TO DATE)
 100 REFERENCES IN FILE CAPLUS (1907 TO DATE)